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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/590,140	09/28/2006	Dominique Michel	LP-2019	5645
217 7590 07/30/2009 FISHER, CHRISTEN & SABOL 1120 20TH STREET, NW, SOUTH TOWER, SUITE 750			EXAMINER	
			SOLOLA, TAOFIQ A	
WASHINGTON, DC 20036		ART UNIT	PAPER NUMBER	
			1625	
			MAIL DATE	DELIVERY MODE
			07/30/2009	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

	Application No.	Applicant(s)			
	10/590,140	MICHEL ET AL.			
Office Action Summary	Examiner	Art Unit			
	Taofiq A. Solola	1625			
The MAILING DATE of this communication app Period for Reply	ears on the cover sheet with the c	orrespondence address			
A SHORTENED STATUTORY PERIOD FOR REPLY WHICHEVER IS LONGER, FROM THE MAILING DA - Extensions of time may be available under the provisions of 37 CFR 1.13 after SIX (6) MONTHS from the mailing date of this communication. - If NO period for reply is specified above, the maximum statutory period w - Failure to reply within the set or extended period for reply will, by statute, Any reply received by the Office later than three months after the mailing earned patent term adjustment. See 37 CFR 1.704(b).	ATE OF THIS COMMUNICATION 36(a). In no event, however, may a reply be tim vill apply and will expire SIX (6) MONTHS from cause the application to become ABANDONE	N. nely filed the mailing date of this communication. D (35 U.S.C. § 133).			
Status					
Responsive to communication(s) filed on <u>01 Jules</u> This action is FINAL . 2b)⊠ This Since this application is in condition for alloward closed in accordance with the practice under E	action is non-final. nce except for formal matters, pro				
Disposition of Claims					
4) ☐ Claim(s) 1-18 is/are pending in the application. 4a) Of the above claim(s) 8-10 is/are withdrawn 5) ☐ Claim(s) is/are allowed. 6) ☐ Claim(s) 1-7 and 11-18 is/are rejected. 7) ☐ Claim(s) is/are objected to. 8) ☐ Claim(s) are subject to restriction and/or Application Papers 9) ☐ The specification is objected to by the Examine 10) ☐ The drawing(s) filed on is/are: a) ☐ access applicant may not request that any objection to the oregin in the application.	r from consideration. r election requirement. r. epted or b) □ objected to by the B				
Replacement drawing sheet(s) including the correcti 11) The oath or declaration is objected to by the Ex-		• •			
Priority under 35 U.S.C. § 119					
12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received.					
Attachment(s) 1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date 10/18/06.	4) Interview Summary Paper No(s)/Mail Da 5) Notice of Informal P 6) Other:	nte			

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Claims 1-18 are pending in this application.

Claims 8-10 are drawn to non-elected inventions.

Restriction Requirement

The election of group I, claims 1-7, 11-15, with traverse in the Paper filed 6/1/09, is hereby acknowledged. However, no reason is given for the traversal. Therefore, the restriction is deemed proper and made FINAL.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

Claims 1-7, 11-18 are rejected under 35 U.S.C. 103(a) as being unpatentable over Staszak et al., EP 0 457 559 A2, in view of Sakaraba et al., Chem. Pharm. Bull., Vol 43(5), (1995), pages 748-753; Okeda et al., EP 0 955 303 A2, and Antognazza et al., US 5,907,045.

Applicant claims a process of making compounds of formulae la and lb comprising hydrogenation of a salt of formula II, which is formed by reacting formula II with a carboxylic acid. The hydrogenation is performed in the presence of a complex comprising a transition metal and a disphosphine ligand as a catalyst.

Determination of the scope and content of the prior art (MPEP 2141.01)

Staszak et al., teach similar process using HCl acid in the first step. Staszak et al., also teach that carboxylic acids are applicable. See page 5, lines 2-7.

Ascertainment of the difference between the prior art and the claims (MPEP 2141.02)

The difference between the instant invention and that of the prior art is that the prior art use LAH as the catalyst instead of a complex comprising a transition metal and a disphosophine ligand.

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Finding of prima facie obviousness---rational and motivation (MPEP 2142.2413)

However, the remaining prior arts listed above teach catalysts comprising various disphosphine ligands and transition metals in enantioselective hydrogenation process of similar compounds. See pages 748-750 of Sakaraba et al., pages 1-24 of Okeda et al., and the abstract and col. 1-8 of Antognazza et al.

Therefore, the instant invention is prima facie obvious from the teachings of the prior arts. One of ordinary skill in the art would have known to use a complex comprising a transition metal and a disphosophine ligand in any enantioselective hydrogenation process at the time this invention was made. The choice of a specific disphosphine ligand and/or specific transition metal is an obvious modification available for the preference of an artisan. The motivation is from knowing that disphosphine ligands and transition metals are useful as enantioselective hydrogenation catalysts.

Telephone Inquiry

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Taofiq A. Solola, PhD. JD., whose telephone number is (571) 272-0709.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Janet Andres, can be reached on (571) 272-0867. The fax phone number for this Group is (571) 273-8300.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (571) 272-1600.

/Taofiq A. Solola/

Primary Examiner, Art Unit 1625

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